

K I N G S W O O D
U R B A N D I S T R I C T C O U N C I L

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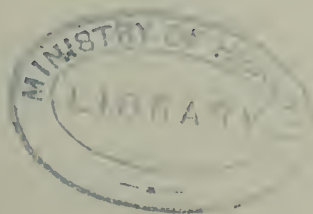
A N N U A L R E P O R T

OF THE

M E D I C A L O F F I C E R O F H E A L T H

F O R T H E Y E A R

1951





MEMBERS OF THE KINGSWOOD URBAN DISTRICT COUNCIL1951Chairman

Mr. J. Thompson, J.P., (to 24/5/51)
 Mr. A.F. Hall, J.P., (from 24/5/51)

Vice-Chairman

Mrs. E.A. Griffiths

Members

Mr. W. Barnett
 Mr. E.G. Critchley
 Mr. D. Evans
 Mr. G.C.G. Jay
 Mr. A. Jefferies, J.P.
 Dr. I. Macdonald
 Mr. G.G. Macdonald
 Mr. G.H. Montacute
 Mr. J.H. Murphy
 Mr. R.W. Parslow
 Mr. F.G. Powell, J.P.
 Mr. O.A. Webb

Members of Health and Housing Committees 1951HealthChairman

Mrs. E.A. Griffiths

Mr. A.F. Hall, J.P.
 Mr. W. Barnett
 Mr. E.G. Critchley
 Dr. I. Macdonald
 Mr. G.G. Macdonald
 Mr. J.H. Murphy

HousingChairman

Mr. W. Barnett

Mr. A.F. Hall, J.P.
 Mrs. E.A. Griffiths
 Mr. E.G. Critchley
 Mr. G.C.G. Jay
 Mr. R.W. Parslow
 Mr. J. Thompson

Public Health Staff

Medical Officer of Health, who is Medical Officer of Health to the South Gloucestershire Combined (M.O.H.) Districts:

JAMES MENZIES CORMACK, M.B., Ch.B., D.P.H., D.P.A.,
 (Appointed 1st May, 1938)

Senior Health Inspector; Housing Officer; Cleansing Officer
 (who also executes duties under Shops Act, Petroleum Act
 and Factories Act):

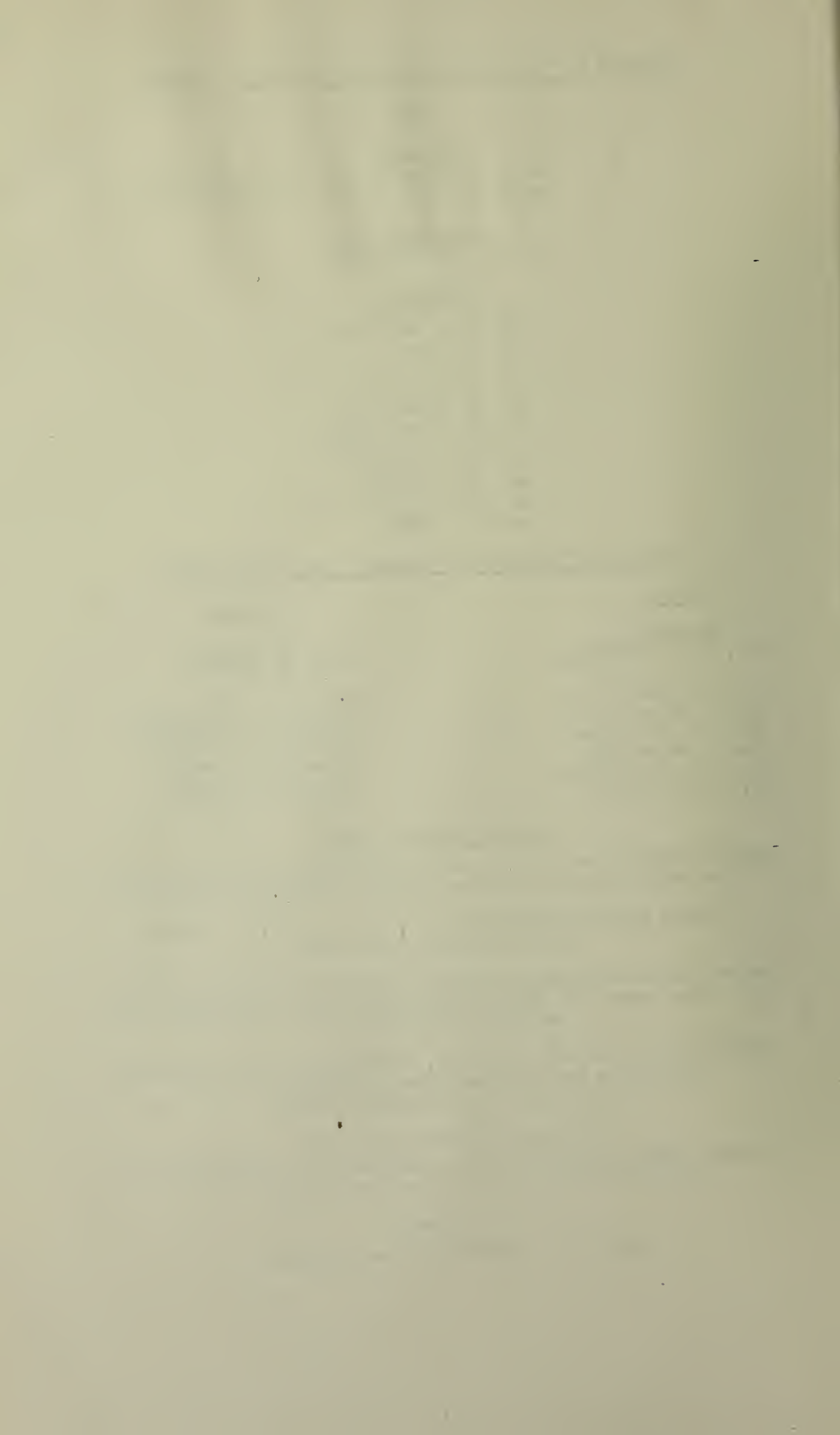
GEORGE EWART CURTIS, F.S.I.A., M.R.San.I., (Cert. Sanitary
 Inspector and Meat and Food Inspector)
 (Appointed 18th September, 1933)

Assistant Health Inspector:

HOWARD JAMES BRYANT, M.S.I.A., M.R.San.I., (Cert. Sanitary
 Inspector and Meat and Food Inspector)

Secretary

MRS. J.M. SWEETING (from 1/2/49)



A N N U A L R E P O R T
OF THE
MEDICAL OFFICER OF HEALTH
FOR
THE KINGSWOOD URBAN AREA
FOR THE YEAR 1951

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To the Chairman and Members of the
Kingswood Urban District Council.

Mr. Chairman, Lady and Gentlemen,

I have pleasure in submitting my Annual Report on the work of the Public Health Services for the year 1951. The report is the 57th of the series presented to the Council since the formation of the Urban District in 1894 and is submitted in accordance with the requirements of the Ministry of Health, based on figures supplied by the Registrar General.

1. STATISTICS AND SOCIAL CONDITIONS
OF THE AREA

(a) General statistics

	1951
Area of district	1530 acres
Population (Registrar General's estimate mid-year)	19,000 approx
Elevation above sea-level (Hopewell Hill)	373ft
No. of inhabited houses December (Rate Books)	5572
Estimated No. of void houses (December)	17
Rateable value (21/12/51)	£90,587
Sum presented by penny rate (year 50/51)	£349

(b) Social conditions

The health of the district has been maintained at a fairly high level and the incidence of infectious disease was normal.

The Council's Housing Programme has been fully maintained within the limits imposed by necessary controls.

TABLE SHOWING PRINCIPAL CAUSES OF DEATH, 1951

Cause of Death	Under 1 yr.	1-5	5-15	15-25	25-45	45-65	65-75	75 & over	Total
1. Tuberculosis, respiratory.	1	-	-	1	2	5	-	-	8
2. Tuberculosis, other.	2	-	-	1	-	-	-	-	1
3. Syphilitic disease.	3	-	-	-	-	1	-	-	1
4. Diphtheria.	4	-	-	-	-	-	-	-	-
5. Whooping Cough.	5	-	-	-	-	-	-	-	-
6. Meningo-coccal infections.	6	-	-	-	-	-	-	-	-
7. Acute Poliomyelitis.	7	-	-	-	-	-	-	-	-
8. Measles.	8	-	-	-	-	-	-	-	-
9. Other infective and parasitic diseases.	9	-	-	-	-	-	-	-	-
10. Malignant neoplasm, stomach.	10	-	-	-	1	5	2	-	8
11. Malignant neoplasm, lung, bronchus.	11	-	-	-	-	3	2	-	5
12. Malignant neoplasm, breast.	12	-	-	-	-	2	-	1	3
13. Malignant neoplasm, uterus.	13	-	-	-	-	-	2	-	2
14. Other malignant & lymphatic neoplasms.	14	-	-	-	-	8	8	8	24
15. Leukaemia, aleukaemia.	15	-	-	-	1	-	-	-	1
16. Diabetes.	16	-	-	-	-	1	-	-	1
17. Vascular lesions of nervous system.	17	-	-	-	-	8	6	17	31
18. Coronary disease, angina.	18	-	-	-	-	4	10	5	21
19. Hypertension with heart disease.	19	-	-	-	2	1	2	2	5
20. Other heart disease.	20	-	-	-	-	9	14	35	58
21. Other circulatory disease.	21	-	-	-	-	1	1	3	5
22. Influenza.	22	-	-	-	-	-	3	2	5
23. Pneumonia.	23	-	-	-	-	3	3	4	10
24. Bronchitis.	24	-	-	-	-	5	5	7	17
25. Other diseases of respiratory system.	25	-	-	-	-	1	1	-	2
26. Ulcer of stomach and duodenum.	26	-	-	-	-	-	1	1	2
27. Gastritis, enteritis and diarrhoea.	27	-	-	-	-	1	1	1	3
28. Nephritis and nephrosis.	28	-	-	-	-	1	2	1	4
29. Hyperplasia of prostate.	29	-	-	-	-	-	-	2	2
30. Pregnancy, childbirth, abortion.	30	-	-	-	-	-	-	-	-
31. Congenital malformations.	31	-	-	-	-	-	-	-	-
32. Other defined and ill-defined diseases.	32	-	-	1	-	-	-	-	2
33. Motor vehicle accidents.	33	1	1	1	3	4	2	4	21
34. All other accidents.	34	1	-	-	-	1	1	-	2
35. Suicide.	35	-	-	-	-	2	-	-	4
36. Homicide and operations of war.	36	-	-	-	-	2	1	-	4

Table showing Incidence of Infectious Disease in Age Groups, 1951

Disease	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & over	Total cases	Cases admitt- ed to Hosp.	Total Deaths
Diphtheris	-	-	-	-	-	-	-	-	-	-	-	-	65	18	
Scarlet Fever	-	2	2	11	5	35	6	1	1	1	1	-	267		
Measles	9	29	35	40	46	98	6	1	2	1	-	2	59		
Whooping Cough	7	7	8	7	13	14	3	-	-	-	-	-	4		
Pneumonia	-	-	-	-	-	-	-	-	-	1	1	2	2		
Erysipelas	-	-	-	-	-	-	-	-	-	1	-	1	2		
Poliomyelitis	-	-	-	-	-	1	-	-	1	-	-	-	2	2	
TOTALS	16	38	45	58	64	148	15	2	4	4	2	3	399	20	Nil

Table showing Incidence of Infectious Disease in Wards, 1951

Disease	North	South	East	West	Mount Hill
Diphtheria	-	-	-	-	-
Scarlet Fever	9	6	16	27	7
Measles	55	47	84	65	16
Whooping Cough	11	26	9	12	1
Pneumonia	-	-	-	3	1
Erysipelas	-	1	-	-	1
Poliomyelitis	1	-	1	-	-
Meningitis	-	-	-	-	-
Puerperal Fever	-	-	-	-	-
Food Poisoning	-	-	-	-	-

Table showing New Cases and Deaths (Tuberculosis)
In Age Groups

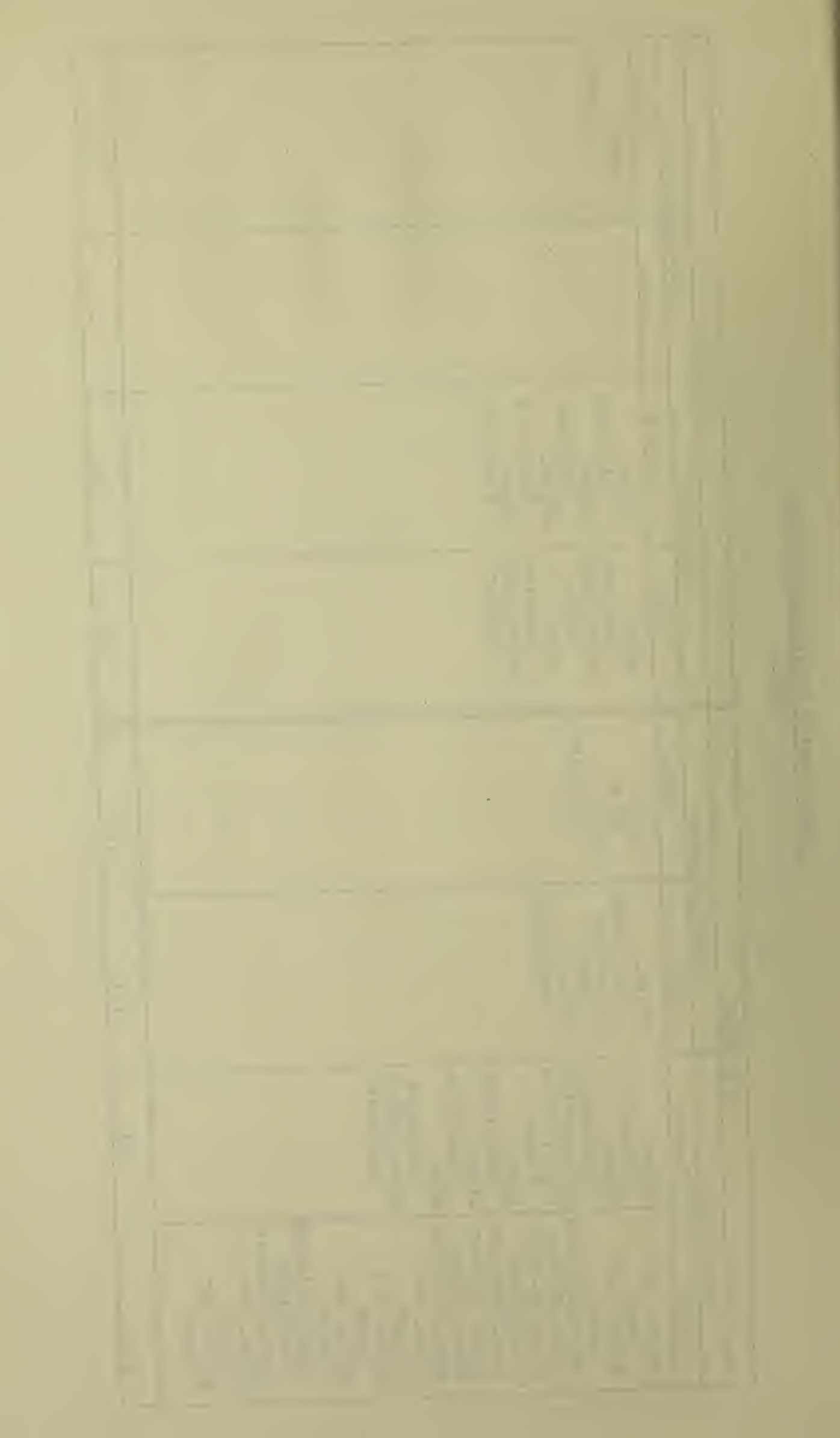
1951

AGE	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 1 year ...	-	-	-	-	-	-	-	-
1 - 5 years ...	-	-	-	-	-	-	-	-
5 - 15 years ...	2	2	3	-	-	-	-	-
15 - 25 years ...	3	3	-	1	-	2	-	-
25 - 35 years ...	3	1	-	-	-	1	-	1
35 - 45 years ...	3	-	-	-	1	-	-	-
45 - 55 years ...	4	2	-	-	3	1	-	-
55 - 65 years ...	1	-	-	1	-	-	-	-
65 upwards ...	-	-	-	-	-	-	-	-
TOTALS ...	16	8	3	2	4	4	-	1

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Table showing Tuberculosis Cases
1951

NEW CASES				DEATHS			
Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
Male	Female	Male	Female	Male	Female	Male	Female
62yrs. not known	48yrs. Housewife	15yrs. Peritoncum	63yrs. Spine	50yrs. Engineer	20yrs. Tailorress		33yrs. Housewife
40yrs. not known	28yrs. Housewife	6yrs. Hilar Glands	20yrs. Meningitis	53yrs. Taxi Driver	21yrs. Machinist		
50yrs. Engineer	19yrs. Typist	6yrs. Meningitis		42yrs. Labourer	46yrs. Housewife		
19yrs. Soldier	20yrs. Office Worker			59yrs. Boot Clicker	33yrs. Housewife		
27yrs. Ex-Royal Artillery	10yrs. Schoolgirl						
8yrs. Schoolboy	11yrs. Schoolgirl						
48yrs. Butcher	47yrs. Housewife						
36yrs. Clerk	19yrs. Corset Machinist						
6yrs. Schoolboy							
22yrs. not known							
30yrs. not known							
40yrs. not known							
52yrs. Builders Assistant							
52yrs. Labourer							
29yrs. not known							
16yrs. not known							
(16)	(8)	(3)	(2)	(4)	(4)	-	(1)



Prescribed particulars which are required by section 128(3) of the Factories Act 1937, with respect to matters which are administered by the District Council.

1. INSPECTIONS FOR PURPOSES OF THE PROVISIONS AS TO HEALTH (INCLUDING INSPECTIONS MADE BY SANITARY INSPECTOR).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
1. Factories in which sections 1,2,3,4,&6 are to be enforced by Local Authorities	86	68	15	-
2. Factories not included in (i) in which section 7 is enforced by the Local Authority.	14	-	-	-
3. Other premises under the Act (excluding out-workers' premises).	-	-	-	-
TOTALS	100	68	15	-

2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars	No. of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found	Remedied	To H.M. Insp'r.	By H.M. Insp'r.	
Want of cleanliness	11	11	-	8	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Sanitary Conveniences					
(a) Insufficient	2	2	-	-	-
(b) Unsuitable or defective	7	7	-	5	-
(c) Not separate for sexes	-	-	-	-	-
Other offences	-	-	-	-	-
TOTALS	20	20	-	13	-

MEAT AND OTHER FOODS

No slaughterhouses are in operation in the district but routine visits have been made to food premises. Whatever unsound food was reported was dealt with by the issue of informal surrender notes.

WATER SUPPLY

The Counties Public Health Laboratories

66 Victoria Street,
London, S.W.1.

Ref: G/WW/71

Analysis of a sample of water received 2.1.51 from West Gloucestershire Water Company. Labelled California Pumping Station, output water tap in softening house. Date: 1.1.51. 11am.
Taken by W. Whittern. Witness W. Anstee. Signed. W. Whittern.

Chemical results expressed in parts per million

Appearance: Clear and bright. Turbidity: Nil.
Colour: Nil. Odour: Nil.
Taste: Normal. pH: 7.3
Free Carbon Dioxide: 24. Electric conductivity: 100.
Alkalinity as Ca CO₃: 330.

Ca	Mg	Na	CO3	SO4	Cl	NO3	SiO2	Hypothetical Combinations	
63	16.3	164	198	140	70	11	10		
63			95					Calcium carbonate	158
	16.3		40					Magnesium carbonate	56
		48	63					Sodium carbonate	111
		67		140				Sodium sulphate	207
		45			70			Sodium chloride	115
		4				11		Sodium nitrate	15
							10	Silica	10
								Difference	18
Total colid constituents dried at 180°C.									690

Hardness - Total ∅: 225. Carbonate: 225. Non-carbonate: 0.
Nitrate Nitrogen: 2.4. Nitrite Nitrogen: Less than 0.01.
Ammoniacal Nitrogen: 0.000. Oxygen absorbed: 0.30.
Albuminoid Nitrogen: 0.000. Residual Chlorine: Absent.
Metala: Absent. Fluoride (F): 0.3.

∅ Calculated from the calcium and magnesium contents.

Bacteriological results

Number of Colonies developing(1 day at 37°C. 2 days at 37°C. 3 days at 20°C.
on Agar per ml. in (0 0 1

Presumptive Coli-aerogenes Reaction	Present in	Absent from	Probable number
	- ml.	100 ml.	0 per 100 ml.
Bact. coli. (Type 1)	- ml.	100 ml.	0 per 100 ml.
Cl. welchii Reaction	- ml.	100 ml.	

16th January 1951.

The Counties Public Health Laboratories

66 Victoria Street,
London, S.W.1.

Ref: G/WW/67.

Analysis of a sample of water received 2.1.51 from West Gloucestershire Water Company. Labelled Shipton Moyne. Consumer's tap, chlorinated water. (After aeration.) Date: 1.1.51. 11.00 am. Taken by C.W. Hooper. Witness - Signed: C.W. Hooper.

Chemical results expressed in parts per million

Appearance: Slight opalescence with a slight flocculent deposit containing iron oxide together with short filaments of leptothrix.

Turbidity: 4. Colour: Filtered. Nil. Odour: Nil.

Taste: Normal. pH: 7.5. Free Carbon Dioxide: 11.

Electric conductivity: 610. Alkalinity as Ca CO3: 235.

Mineral analysys on filtered sample.

Ca	Mg	Na	CO3	SO4	Cl	NO3	SiO2	Hypothetical Combinations	
80	7.1	53	141	45	45	0.0	12		
80			120					Calcium Carbonate	200
	7.1		18					Magnesium Carbonate	25
		2	3					Sodium Carbonate	5
		22		45				Sodium Sulphate	67
		29			45			Sodium Chloride	74
							12	Silica	12
								Difference	12
Total solid constituents dried at 180 C.									395

Hardness, Ø Total: 230. Carbonate: 230. Non-Carbonate: 0.
Nitrate Nitrogen: 0.0. Nitrite Nitrogen: Approx. 0.01.
Ammoniacal Nitrogen: 0.046. Oxygen absorbed: 0.20.
Albuminoid Nitrogen: 0.000. Residual Chlorine: 0.10.
Metals: Iron: 0.45. Other metals absent. Flouride (F): 0.4.
Ø Calculated from the calcium and magnesium contents.

BACTERIOLOGICAL RESULTS

Number of Colonios(on Agar per ml. in(1 day at 37°C.	2 days at 37°C.	3 days at 20°C.
	4	4	21
	Present in	Absent from	Probable number
Presumptive coli-aerogenes reaction	- ml.	100 ml.	0 per 100 ml.
Bact.coli.(Type 1)	- ml.	100 ml.	0 per 100 ml.
Cl.wolchii reaction	100 ml.	10 ml.	

CLEAN FOOD BYELAWS

Byelaws relating to the clean handling, wrapping and delivery of food made by the Council in 1950 are in operation in the area and their import has publicly been notified through the press and by visits to food premises. In cases where the byelaws were not observed attention was drawn to the matter, but it was not necessary to institute proceedings during the year.

PEST CONTROLRecord of Work Done

Premises Inspected (Visits and Re-visits)	...	1760
Premises disinfested	...	230
Baiting points	...	1252
Gassings (HCN)traps etc	...	71
Dead rats recovered	...	215
Estimated total kill	...	1150

INSPECTION WORK

ro Building Licences	...	22
Cleansing and Salvage	...	370
Conveniences	...	40
Dairies	...	14
Drainage tests	...	90
Factories	...	68
ro Food Gifts	...	148
Fumigations	...	41
Other premises	...	33
Housing - Application enquiries	...	559
Infectious disease investigations	...	76
Interviews on district etc	...	149
Ice-cream premises	...	60
Lectures - miscellaneous	...	16
Meetings - Council, Committees etc	...	85
Meat and Food inspections	...	80
Miscellaneous	...	364
Petroleum Act	...	36
Police Court	...	15
Rag Flock	...	5
Sampling (bacteriological)	...	72
Schools	...	10
Small Dwellings Acquisition Act	...	18

SANITARY INSPECTIONS

Complaints Received	Visits & Revisits	Defect or Nuisance	Notices			
			Informal		Statutory	
			Issued	Complied	Issued	Complied
34	16	Accumulations	10	10	-	-
14	18	Animals kept	5	4	-	-
-	24	Bakohouses	4	4	-	-
-	18	Cesspools (abolition)	18	18	-	-
114	135	Drainage & Sewerage choked	25	23	-	-
-	148	defective/absent	16	-	16	4
4	8	Food Premises	16	11	-	-
		Moveable Dwellings	1	-	1	-
		Premises				
129	237	defective	81	62	6	5
26	38	dirty or verminous	12	11	1	1
103	1768	Pest Control	30	26	-	-
		(inc. Rodent Operator)				
-	41	Shops	11	9	-	-
2	7	Smoke Nuisance	2	2	-	-
10	19	WCs - defective or insufficient	7	7	-	-
3	5	Water Supply	1	1	-	-

* Figure includes "sewers" as defined in Public Health Act 1936, section 24. Chokagos liberated by Council, no notices served.

